| L      | Hits  | Search Text  | l DB  | I mi ma a tanna              |
|--------|-------|--|-------|------------------------------|
| Number |       | 1  | DB    | Time stamp                   |
| 1      | 0     | compus\$4.ti.  | USPAT | 2003/02/21                   |
| 2      | 24367 | combus\$4.ti.  | USPAT | 15:03<br>2003/02/21          |
| 3      | 2068  | sulfur\$4 near5 emission   | USPAT | 15:03<br>2003/02/21          |
| 4      | 199   | combus\$4.ti. and (sulfur\$4 near5 emission)   | USPAT | 15:04<br>2003/02/21          |
| 5      | 21844 |  | USPAT | 15:04<br>2003/02/21          |
| 6      | 35    | (combus\$4.ti. and (sulfur\$4 near5 emission)) and coke  | USPAT | 15:04<br>2003/02/21          |
| 7      | 1038  | (fixing or fixed or fix) near4 sulfur\$4   | USPAT | 15:07<br>2003/02/21          |
| 8      | 4     | emission)) and coke) and ((fixing or   | USPAT | 15:07<br>2003/02/21<br>15:11 |
| 9      | 9     | fixed or fix) near4 sulfur\$4) chemical adj carbonization  | USPAT | 2003/02/21                   |
| 10     | 176   | chemical\$3 near4 carboniz\$5  | USPAT | 15:12<br>2003/02/21          |
| 11     | 71452 | quench\$4  | USPAT | 15:13<br>2003/02/21          |
| 12     | 6     | (chemical\$3 near4 carboniz\$5) and quench\$4  | USPAT | 15:13<br>2003/02/21<br>15:13 |
| 13     | 28561 |  | USPAT | 2003/02/21<br>15:15          |
| 14     | 11    |  | USPAT | 2003/02/21<br>15:17          |
| 15     | 11497 | impregnat\$4 near6 (additive or agent or chemical)   | USPAT | 2003/02/21                   |
| 16     | 35    | ,  | USPAT | 16:06<br>2003/02/21<br>15:18 |
| 17     | 3     |  | USPAT | 2003/02/21<br>15:19          |
| 18     | 21844 | coke   | USPAT | 2003/02/21                   |
| 19     | 44    | (chemical\$3 near4 carboniz\$5) and coke   | USPAT | 15:20<br>2003/02/21          |
| 20     | 7     | ((naphtha or resid\$4) near6 (petroleum or hydrocarbon\$6)) and ((chemical\$3 near4 carboniz\$5) and coke) | USPAT | 15:20<br>2003/02/21<br>15:24 |
| 21     | 3306  | activated.ti.  | USPAT | 2003/02/21                   |
| 22     | 64    | <pre>(impregnat\$4 near6 (additive or agent or<br/>chemical)) and activated.ti.</pre>                      | USPAT | 15:25<br>2003/02/21<br>15:29 |
| 23     | 21844 | coke   | USPAT | 15:29<br>2003/02/21<br>15:29 |
| 24     | 8     | ((impregnat\$4 near6 (additive or agent or chemical)) and activated.ti.) and coke                          | USPAT | 2003/02/21<br>16:06          |
| 25     | 83    | flexicoking  | USPAT | 2003/02/21<br>15:35          |
| 26     | 28    | quench\$4 and flexicoking  | USPAT | 2003/02/21                   |
| 27     | 71    | deasphalt\$3.ti.   | USPAT | 2003/02/21                   |
| 28     | 3610  | solvent.ti.  | USPAT | 2003/02/21<br>15:42          |
| 30     | 35    | deasphalt\$3.ti. and solvent.ti.   | USPAT | 2003/02/21<br>15:46          |
| 31     | 100   | (deasphalt\$3 or DAO) near6 (coke or coking)   | USPAT | 2003/02/21<br>15:47          |
| 31     | 5     | deasphalt\$3.ti. and ((deasphalt\$3 or DAO) near6 (coke or coking))  | USPAT | 2003/02/21<br>15:51          |
|        |       |  |       |                              |

| 32 | 79   | hydrogenolysis.ti.                         | USPAT | 2003/02/21 |
|----|------|--|-------|------------|
|    |      |  |       | 15:55      |
| 33 | 50   | hydrogenolysis near12 (coke or coking)     | USPAT | 2003/02/21 |
|    |      |  |       | 15:55      |
| 34 | 0    | hydrogenolysis.ti. and (hydrogenolysis     | USPAT | 2003/02/21 |
|    |      | near12 (coke or coking))                   |       | 15:56      |
| 35 | 0    | ((deasphalt\$3 or DAO) near6 (coke or      | USPAT | 2003/02/21 |
|    |      | coking)) and (hydrogenolysis near12 (coke  |       | 15:56      |
|    |      | or coking))                                |       |            |
| 36 | 0    |  | USPAT | 2003/02/21 |
|    |      | (coke or coking))                          |       | 15:56      |
| 37 | 24   | ((naphtha or resid\$4) near6 (petroleum or | USPAT | 2003/02/21 |
|    |      | hydrocarbon\$6)) and (hydrogenolysis       |       | 15:57      |
|    |      | near12 (coke or coking))                   |       |            |
| 38 | 6481 | 1  | USPAT | 2003/02/21 |
|    |      | chemical)                                  |       | 16:07      |
| 39 | 0    | ((deasphalt\$3 or DAO) near6 (coke or      | USPAT | 2003/02/21 |
|    |      | coking)) and (adsorp\$4 near6 (additive or |       | 16:07      |
| 40 | _    | agent or chemical))                        | ***   | 2002/02/21 |
| 40 | 0    | (  | USPAT | 2003/02/21 |
|    |      | and (adsorp\$4 near6 (additive or agent or |       | 16:08      |
| 41 |      | chemical))                                 | HCDAM | 2002/02/21 |
| 41 | 55   |  | USPAT | 2003/02/21 |
|    | L.,, | (additive or agent or chemical))           |       | 16:08      |